

ABSTRACT OF THE DISCLOSURE

**APPARATUS AND METHOD FOR DELETION OF OBJECTS FROM AN
5 OBJECT-RELATIONAL SYSTEM IN A CUSTOMIZABLE AND DATABASE
INDEPENDENT MANNER**

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An apparatus and method for deleting objects from an object-relational system in a customizable and database
10 independent manner. The apparatus and method provide a customizable and database independent mechanism for the deletion of object data from a relational database. The method implemented by the apparatus determines the dependency structure of a relational database using
15 database metadata. The dependency structure is then utilized to determine the type of deletion to be performed on data representations of the object and its related objects, i.e., parent or child objects. The deletion actions include cascade deletion and nullify
20 columns deletion. Appropriate SQL statements are then automatically generated at run-time to perform the deletion of the object data from the relational database.